

Search History

DATE: Tuesday, April 09, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
•	PT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR		
<u>L4</u>	(enniat\$ adj synthas\$) or (enniat\$ adj synthetas\$)	12	<u>L4</u>
<u>L3</u>	cyclohexadepsipeptid\$	8	<u>L3</u>
DB=USI	PT; PLUR=YES; OP=OR		•
<u>L2</u>	cyclohexadepsipeptid\$	7	<u>L2</u>
DB = USI	PT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR		
<u>L1</u>	cyclohexadepsipeptid\$	8	<u>L1</u>

END OF SEARCH HISTORY

Generate Collection Print

Search Results - Record(s) 1 through 8 of 8 returned.

1. Document ID: US 5945316 A

L3: Entry 1 of 8

File: USPT

Aug 31, 1999

US-PAT-NO: 5945316

DOCUMENT-IDENTIFIER: US 5945316 A

TITLE: Lactic-acid-containing cyclic depsipeptides having 18 ring atoms as

endoparasiticidal agents, and process for their preparation

DATE-ISSUED: August 31, 1999

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY DEX Jeschke; Peter Leverkusen Harder; Achim Koln DEX Leverkusen DEX Mencke; Norbert DEX Kleinkauf; Horst Berlin Zocher; Rainer Berlin DEX

US-CL-CURRENT: 435/117; 435/120, 435/128, 435/132, 435/135, 435/136, 435/139, 435/147, 435/171, 435/183, 435/68.1, 435/71.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw. D	esc l	mage									

2. Document ID: US 5911862 A

L3: Entry 2 of 8

File: USPT

Jun 15, 1999

US-PAT-NO: 5911862

DOCUMENT-IDENTIFIER: US 5911862 A

TITLE: Material for establishing solid state contact for ion selective electrodes

DATE-ISSUED: June 15, 1999

INVENTOR - INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Chan; Andy D. C.

Franklin

MA

US-CL-CURRENT: 204/418; 204/416, 205/787.5, 205/789.5, 427/58

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw, Desc | Image | 3. Document ID: US 5821222 A

L3: Entry 3 of 8

File: USPT

Oct 13, 1998

US-PAT-NO: 5821222

DOCUMENT-IDENTIFIER: US 5821222 A

TITLE: Cyclic depsipeptides having 18 ring atoms for combating endoparasites

DATE-ISSUED: October 13, 1998

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Bonse; Gerhard Koln DEX Londershausen; Michael Erkrath DEX Bischoff; Erwin Wuppertal DEX Velbert Muller; Hartwig DEX Harder; Achim Koln DEX Mencke; Nobert Leverkusen DEX Kurka; Peter Hilden DEX Jeschke; Peter Leverkusen DEX Scherkenbeck; Jurgen Wermelskirchen DEX

US-CL-CURRENT: <u>514/11</u>; <u>514/2</u>, <u>514/9</u>, <u>530/317</u>, <u>530/343</u>

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw, Desc | Image |

4. Document ID: US 5738774 A

L3: Entry 4 of 8

File: USPT

Apr 14, 1998

US-PAT-NO: 5738774

DOCUMENT-IDENTIFIER: US 5738774 A

TITLE: Eva containing ion selective membranes and methods of making same

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Harrison; Daniel J.

Edmonton

CAX

Neufeld; Aaron

Upper Peckenham

AUX

US-CL-CURRENT: 204/418; 422/82.03

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw, Desc Image

5. Document ID: US 5656464 A

L3: Entry 5 of 8

File: USPT

Aug 12, 1997

US-PAT-NO: 5656464

DOCUMENT-IDENTIFIER: US 5656464 A

TITLE: Lactic-acid-containing cyclic depsipeptides having 18 ring atoms as

endoparasiticidal agents, and process for their preparation

DATE-ISSUED: August 12, 1997

INVENTOR - INFORMATION:

NAME STATE ZIP CODE COUNTRY CITY Jeschke; Peter Leverkusen DEX Harder; Achim Cologne DEX Mencke; Norbert Leverkusen DEX Berlin Kleinkauf; Horst DEX Berlin Zocher; Rainer DEX



6. Document ID: US 5624897 A

L3: Entry 6 of 8

File: USPT

Apr 29, 1997

US-PAT-NO: 5624897

DOCUMENT-IDENTIFIER: US 5624897 A

TITLE: Cyclic depsipeptides having 18 ring atoms, and their use for combating

endoparasites

DATE-ISSUED: April 29, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Jeschke; Peter Leverkusen DEX Scherkenbeck; Jurgen Wermelskirchen DEX Bonse; Gerhard Koln DEX Bischoff; Erwin Wuppertal DEX Mencke; Norbert Leverkusen DEX Harder; Achim Koln DEX Londershausen; Michael Erkrath DEX Velbert Muller; Hartwig DEX

US-CL-CURRENT: <u>514/11</u>; <u>530/323</u>

Draw, Desc Image

7. Document ID: US 4214968 A

L3: Entry 7 of 8

File: USPT

Jul 29, 1980

US-PAT-NO: 4214968

DOCUMENT-IDENTIFIER: US 4214968 A

TITLE: Ion-selective electrode

DATE-ISSUED: July 29, 1980

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Battaglia; Charles J.

Rochester

NY

Chang; Jack C.

Rochester

Daniel; Daniel S.

Rochester

NY NY

US-CL-CURRENT: 204/418; 204/435

Full Title Citation Front Review Classification Date Reference Sequences Attachments

8. Document ID: EP 1144658 A2, WO 200042203 A2, AU 200026120 A

L3: Entry 8 of 8

File: DWPI

Oct 17, 2001

DERWENT-ACC-NO: 2000-482833

DERWENT-WEEK: 200169

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TITLE: Producing a heterologous polypeptide for production of antibiotics comprises cultivating a mutant of a parent filamentous fungal cell comprising a nucleic acid sequence encoding cyclohexadepsipeptide

INVENTOR: BERKA, R M; REY, M W ; YODER, W T

PRIORITY-DATA: 1999US-0229862 (January 13, 1999)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE MAIN-IPC PAGES EP 1144658 A2 October 17, 2001 E 000 C12N015/80 WO 200042203 A2 July 20, 2000 076 C12N015/80 AU 200026120 A August 1, 2000 000 C12N015/80

 $\text{INT-CL (IPC)}: \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{\text{1/14}}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{\text{9/88}}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{\text{15/60}}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{\text{15/80}}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{\text{1/14}}; \ \underline{\text{C12}} \ \underline{\text{R}} \ \underline{\text{1:77}};$ C12 R 1:77; C12 N $\overline{1}/\overline{14}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc Image

KWIC

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Terms	Documents
cyclohexadepsipeptid\$	8

Display Format: -

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Search Results - Record(s) 1 through 10 of 12 returned.

1. Document ID: US 6358712 B1

L4: Entry 1 of 12

File: USPT

Mar 19, 2002

US-PAT-NO: 6358712

DOCUMENT-IDENTIFIER: US 6358712 B1

TITLE: Ordered gene assembly

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Jarrell; Kevin A.

Lincoln Cambridge MΑ

Coljee; Vincent W. Donahue; William

Quincy

MA MA

Mikheeva; Svetlana

Allston

MA

US-CL-CURRENT: 435/91.1; 435/6, 435/91.2, 435/91.3, 435/91.52, 536/23.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

KWIC

2. Document ID: US 6117670 A

L4: Entry 2 of 12

File: USPT

Sep 12, 2000

US-PAT-NO: 6117670

DOCUMENT-IDENTIFIER: US 6117670 A

TITLE: Pyrrolnitrin biosynthesis genes and uses thereof

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

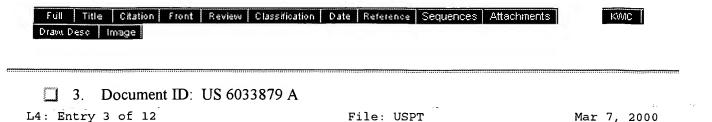
Ligon; James Madison Apex NC
Hill; Dwight Steven Cary NC
Lam; Stephen Ting Raleigh NC
Hammer; Philip Eugene Cary NC

van Pee; Karl-HeinzBannewitzDEXKirner; SabinePuchheimDEX

Young; Thomas R. Vero Beach FL

US-CL-CURRENT: 435/252.33; 435/189, 435/232, 435/252.3, 435/320.1, 536/23.1, 536/23.2,

<u>536/23.7</u>



US-PAT-NO: 6033879

DOCUMENT-IDENTIFIER: US 6033879 A

TITLE: Process for the preparation of substituted aryl lactic acid containing

cyclodepsipeptides with 24 ring atoms

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jeschke; Peter	Leverkusen			DEX
Bonse; Gerhard	Koln			DEX
Thielking; Gerhard	Burscheid			DEX
Etzel; Winfried	Leichlingen			DEX
Harder; Achim	Koln			DEX
Mencke; Norbert	Leverkusen			DEX
Kleinkauf; Horst	Berlin			DEX
Zocher; Rainer	Berlin	•		DEX
Iinuma; Katsuharu	Yokohama			JPX
Miyamoto; Kouichi	Berlin			DEX

 $\text{US-CL-CURRENT: } \underline{435}/\underline{71.1}; \ \underline{435}/\underline{171}, \ \underline{435}/\underline{254.1}, \ \underline{435}/\underline{911}, \ \underline{514}/\underline{11}, \ \underline{530}/\underline{317}, \ \underline{530}/\underline{321}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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4. Document ID: US 3943316 A.

L4: Entry 4 of 12

File: USPT

Aug 31, 1999

US-PAT-NO: 5945316

DOCUMENT-IDENTIFIER: US 5945316 A

TITLE: Lactic-acid-containing cyclic depsipeptides having 18 ring atoms as endoparasiticidal agents, and process for their preparation

DATE-ISSUED: August 31, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jeschke; Peter	Leverkusen			DEX
Harder; Achim	Koln			DEX
Mencke; Norbert	Leverkusen			DEX
Kleinkauf; Horst	Berlin			DEX
Zocher; Rainer	Berlin			DEX

US-CL-CURRENT: $\underline{435}/\underline{117}$; $\underline{435}/\underline{120}$, $\underline{435}/\underline{128}$, $\underline{435}/\underline{132}$, $\underline{435}/\underline{135}$, $\underline{435}/\underline{136}$, $\underline{435}/\underline{139}$, $\underline{435}/\underline{147}$,

435/171, 435/183, 435/68.1, 435/71.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw. Desc Image

5. Document ID: US 5817502 A

L4: Entry 5 of 12

File: USPT

Oct 6, 1998

US-PAT-NO: 5817502

DOCUMENT-IDENTIFIER: US 5817502 A

TITLE: Genes for the synthesis of pyrrolnitrin

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

CITY ZIP CODE NAME STATE COUNTRY Ligon; James M. Apex NC Hill; Dwight Steven Cary NC Lam; Stephen Ting Raleigh NC Hammer; Philip E. NC Cary

van Pee; Karl-HeinzBannewitzDEXKirner; SabinePuchheimDEX

US-CL-CURRENT: $\frac{435}{252.34}$; $\frac{435}{117}$, $\frac{435}{252.3}$, $\frac{435}{252.3}$, $\frac{435}{252.33}$, $\frac{435}{320.1}$, $\frac{435}{69.1}$, $\frac{435}{71.1}$, $\frac{536}{23.2}$, $\frac{536}{23.2}$, $\frac{536}{23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC |
Draw. Desc Image

6. Document ID: US 5723759 A

L4: Entry 6 of 12

File: USPT

Mar 3, 1998

US-PAT-NO: 5723759

DOCUMENT-IDENTIFIER: US 5723759 A

TITLE: Pyrrolnitrin biosynthesis genes

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Ligon; James M. Basel CHX Hill; Dwight Steven NC Cary Ryals; John Andrew Durham NC Lam; Stephen Ting Raleigh NC Hammer; Philip E. NC Cary

US-CL-CURRENT: 800/301; 435/117, 435/252.3, 435/320.1, 435/69.1, 435/70.1, 536/23.2, 536/23.7



KWIC

7. Document ID: US 5698425 A

L4: Entry 7 of 12

File: USPT

Dec 16, 1997

US-PAT-NO: 5698425

DOCUMENT-IDENTIFIER: US 5698425 A

TITLE: Method of protecting plants by transformation with genes for the synthesis of

antipathogenic substances

DATE-ISSUED: December 16, 1997

INVENTOR-INFORMATION:

Uknes; Scott Joseph

NAME CITY STATE ZIP CODE COUNTRY Ligon; James M. Basel CHX Schupp; Thomas Mohlin CHX Beck; James Joseph Cary NC Hill; Dwight Steven Cary NC Ryals; John Andrew Durham NC Lam; Stephen Ting Raleigh NC Hammer; Philip E. NC Cary

US-CL-CURRENT: 800/279; 435/117, 435/418, 435/419, 435/69.1, 435/70.1

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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8. Document ID: US 5679560 A

L4: Entry 8 of 12

File: USPT

NC

Oct 21, 1997

US-PAT-NO: 5679560

DOCUMENT-IDENTIFIER: US 5679560 A

TITLE: Genes for the synthesis of antipathogenic substances

DATE-ISSUED: October 21, 1997

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ligon; James M. Apex NC
Hill; Dwight Steven Cary NC
Lam; Stephen Ting Raleigh NC
Hammer; Philip E. Cary NC

US-CL-CURRENT: 435/183; 435/253.3, 435/41

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC
Draw Desc Image

9. Document ID: US 5662898 A

L4: Entry 9 of 12

File: USPT

Sep 2, 1997

US-PAT-NO: 5662898

DOCUMENT-IDENTIFIER: US 5662898 A

TITLE: Genes for the synthesis of antipathogenic substances

DATE-ISSUED: September 2, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Ligon; James M.	Basel				CHX
Schupp; Thomas	Mohlin				CHX
Beck; James Joseph	Cary	NC			
Hill; Dwight Steven	Cary	NC			
Ryals; John Andrew	Durham	NC			
Gaffney; Thomas Deane	Chapel Hill	NC			
Lam; Stephen Ting	Raleigh	NC			
Hammer; Philip E.	Cary	NC			
Uknes; Scott Joseph	Apex	NC			

US-CL-CURRENT: 424/93.2; 435/252.3

		Date Reference		KWIC
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10. Document ID: US 5656464 A

L4: Entry 10 of 12

File: USPT

Aug 12, 1997

US-PAT-NO: 5656464

DOCUMENT-IDENTIFIER: US 5656464 A

TITLE: Lactic-acid-containing cyclic depsipeptides having 18 ring atoms as

endoparasiticidal agents, and process for their preparation

DATE-ISSUED: August 12, 1997

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Jeschke; Peter Leverkusen DEX Harder; Achim Cologne DEX Mencke; Norbert Leverkusen DEX Kleinkauf; Horst Berlin DEX Zocher; Rainer Berlin DEX

US-CL-CURRENT: $\frac{435}{117}$; $\frac{435}{120}$, $\frac{435}{128}$, $\frac{435}{132}$, $\frac{435}{135}$, $\frac{435}{136}$, $\frac{435}{136}$, $\frac{435}{139}$, $\frac{435}{147}$, $\frac{435}{147}$, $\frac{435}{148}$, $\frac{43$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Search Results - Record(s) 11 through 12 of 12 returned.

11. Document ID: US 5643774 A

L4: Entry 11 of 12

File: USPT

Jul 1, 1997

US-PAT-NO: 5643774

DOCUMENT-IDENTIFIER: US 5643774 A

TITLE: Genes for the synthesis of antipathogenic substance

DATE-ISSUED: July 1, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Ligon; James M. Basel CHX Schupp; Thomas Mohlin CHX Beck; James Joseph Cary NC Hill; Dwight Steven Cary NC Ryals; John Andrew Durham NC Gaffney; Thomas Deane Chapel Hill NC Lam; Stephen Ting Raleigh NC Hammer; Philip E. Cary NC Uknes; Scott Joseph Apex NC

US-CL-CURRENT: 435/183; 435/69.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC |
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12. Document ID: US 5639949 A

L4: Entry 12 of 12

File: USPT

Jun 17, 1997

US-PAT-NO: 5639949

DOCUMENT-IDENTIFIER: US 5639949 A

TITLE: Genes for the synthesis of antipathogenic substances

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Ligon; James M. Basel CHX Hill; Dwight Steven Cary NC Ryals; John Andrew Durham NC Lam; Stephen Ting Raleigh NC Hammer; Philip E. Cary NC

Full	Title	Citation	Front		Classification		Reference	Sequences	Attachments	KMC
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